

PATENT

Case Docket No. NATURES.015C3

Date: April 21, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Peter T. McCarthy
Appl. No. : 10/762,640
Filed : January 22, 2004
For : METHODS FOR CREATING
CONSISTENT LARGE SCALE
BLADE DEFLECTIONS
Examiner : Unknown
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

April 21, 2004

(Date)

Mark J. Kertz

Mark J. Kertz, Reg. No. 43,711

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

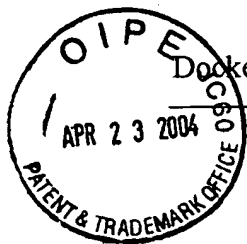
Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with 147 references, 39 of which are enclosed.
- (X) Return prepaid postcard.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Mark J. Kertz

Mark J. Kertz
Registration No. 43,711
Attorney of Record
Customer No. 20,995
(949) 760-0404



INFORMATION DISCLOSURE STATEMENT

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Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 147 references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Apr. 21, 2004

By: Mark Kertz
Mark J. Kertz
Registration No. 43,711
Attorney of Record
Customer No. 20,995
(949) 760-0404

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES..015C3	APPLICATION NO. 10/762,640
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Peter T. McCarthy	
(USE SEVERAL SHEETS IF NECESSARY)		EXAMINING DATE January 22, 2004	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,384	12/4/1847	R.A. Tilghman			
	2	144,538	11/11,1873	Harsen			
	3	169,396	11/2/1875	O.G. Ahlstrom			
	4	234,305	05/28/25	Bovey			
	5	476,092	12/01/37	Valente			
	6	783,012	02/21/05	Biedermann et al.			
	7	787,291	unknown	Michiels			
	8	871,059	11/12/07	Douse			
	9	998,146	07/18/11	Alfier et al.			
	10	1,061,264	5/13/1913	Bys			
	11	1,324,722	12/11/1917	William Bergin			
	12	1,607,857	5/27/1926	F. Zukal			
	13	1,684,714	08/12/27	Perry			
	14	2,241,305	02/27/39	Hill, Jr.			
	15	2,321,009	9/27/1940	O.P. Churchill			
	16	2,343,468	3/7/1944	Messinger			
	17	2,423,571	07/08/47	Wilen			
	18	2,588,363	03/11/52	Corlieu			
	19	2,850,487	9/2/1958	Gaetano F. D'Alello			
	20	2,865,033	12/23/1958	D.L. Jayet			
	21	2,889,563	6/9/1959	E.W. Lamb, et. al.			
	22	2,903,719	9/15/1959	J.L. Wozencraft			
	23	2,950,487	08/30/60	Woods			
	24	3,019,458	2/6/1962	E. De Barbieri, et. al.			
	25	3,055,025	9/25/1962	L. Ferraro, et. al.			
	26	3,082,442	3/26/1963	Cousteau, et al.			
	27	3,084,355	04/09/63	Ciccotelli			

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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	28	3,086,492	04/23/63	Holley			
	29	3,109,495	11/5/63	Lang			
	30	3,112,503	12/3/1963	B.B. Girden			
	31	3,171,142	3/2/1965	Auzols			
	32	3,239,857	3/15/1966	Frederick H. Gwynne			
	33	3,256,540	6/21/1966	Novelli			
	34	3,411,165	11/19/68	Murdoch			
	35	3,422,470	01/21/69	Mares			
	36	3,453,981	07/08/69	Gause			
	37	3,491,997	01/27/70	Winters			
	38	3,665,535	5/30/1972	Picken			
	39	3,773,011	11/20/73	Gronier			
	40	3,810,269	5/14/74	Tabata			
	41	3,922,741	12/02/75	Semeia			
	42	3,934,290	01/27/76	Le Vasseur			
	43	3,952,351	04/27/76	Gisbert			
	44	4,007,506	2/15/1977	Rasmussen			
	45	4,025,977	5/31/1977	Cronin			
	46	4,083,071	04/11/78	Forjot			
	47	4,193,371	03/18/80	Baulard-Caugan			
	48	4,197,869	04/15/80	Moncrieff-Yeates			
	49	4,209,866	7/1/1980	Loeffler			
	50	4,342,558	08/03/82	Wilson			
	51	4,521,220	06/04/85	Schoofs			
	52	4,541,810	09/17/85	Wenzel			
	53	4,657,515	4/14/1987	Ciccotelli			
	54	4,689,029	8/25/1987	Ciccotelli			

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	55	4,738,645	04/19/88	Garofalo			
	56	4,752,259	6/21/1988	Tackett, et. al.			
	57	4,773,885	9/27/1988	Ciccotelli			
	58	4,775,343	10/4/1988	Lamont, et. al.			
	59	4,781,637	11/01/88	Caires			
	60	4,820,218	04/11/89	Van de Pol			
	61	4,857,024	08/15/89	Evans			
	62	4,869,696	9/26/1989	Ciccotelli			
	63	4,895,537	1/23/1990	Ciccotelli			
	64	4,929,206	5/29/1990	Evans			
	65	4,934,971	06/19/90	Picken			
	66	4,940,437	07/10/90	Piatt			
	67	4,944,703	07/31/90	Mosier			
	68	4,954,111	09/04/90	Cressi			
	69	4,954,112	09/04/90	Negrini et al.			
	70	5,163,859	11/17/92	Beltrani, et al.			
	71	5,304,081	4/19/1994	Takizawa			
	72	5,324,219	06/28/94	Beltrani et al.			
	73	5,356,323	10/18/94	Evans			
	74	5,358,439	10/25/94	Paolo			
	75	5,374,210	12/20/94	Sardella			
	76	5,387,145	2/7/1995	Wagner			
	77	5,417,599	05/23/95	Evans			
	78	5,429,536	7/4/1995	Evans			
	79	5,435,764	7/25/1995	Testa, et. al.			
	80	5,443,593	8/22/1995	Garofalo			
	81	5,522,748	6/4/1996	Cressi			

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	82	5,527,197	6/18/1996	Evans			
	83	5,533,918	7/9/1996	Sanders			
	84	5,595,518	1/21/1997	Ours			
	85	5,597,336	1/28/1997	Evans			
	86	5,634,613	6/3/97	McCarthy			
	87	5,746,631	5/5/1998	McCarthy			
	88	5,810,629	9/22/1998	Parr			
	89	6,050,868	4/18/00	McCarthy			
	90	6,053,788	4/25/00	Garofalo			
	91	6,095,879	8/2000	McCarthy			
	92	6,126,503	10/3/00	Viale, et al.			
	93	6,146,224	11/14/00	McCarthy			
	94	6,290,561 B1	9/18/01	Garofalo et al.			
	95	6,364,728 B1	4/2/02	Viale et al.			
	96	6,371,821	4/16/02	McCarthy			
	97	6,413,133 B1	7/2/02	McCarthy			
	98	6,482,059 B2	11/19/02	McCarthy			
	99	6,497,597	12/24/02	McCarthy			
	100	6,585,548	7/1/03	McCarthy			
	101	6,607,411	8/19/03	McCarthy			
	102	Des. 278,165	3/26/1985	Evans			
	103	Des. 302,999	8/22/1989	McCredie			
	104	Des. 327,933	7/14/1992	Evans			
	105	Des. 327,934	7/14/1992	Evans			
	106	Des. 327,935	7/14/1992	Evans			
	107	Des. 328,118	7/21/1992	Evans			
	108	Des. 340,272	10/12/1993	Evans			

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	109	Des. 353,181	12/6/1994	Evans			
	110	Des. 393,684	4/21/1998	Lin			
	111	Des. 396,897	8/11/1998	Evans			
	112	Des. 404,456	1/19/1999	Evans			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	113	1501208	Nov 1967	France				
	114	DD 259 353 A	08/24/88	Germany				
	115	FR 2574 748 A	06/20/86	France				
	116	JP62 134395	06/17/87	Japan				
	117	SU 1323 463 A	03/13/86	Soviet Union				
	118	0 308 998	03/29/89	Europe				
	119	DE 3438808	04/24/86	Germany				
	120	2 058 941	1971	France				
	121	2 213 072	1974	France				
	122	625377	09/19/61	ITALY (with Certified Translation)			X	
	123	1.245.395	9/26/60	FRANCE (with Certified Translation)			X	
	124	17,033	1890	England				
	125	787,291	1935	France				
	126	553307	1956	Italy				
	127	61-6097	1986	Japan				
	128	1,075 997	1960	Germany (with Certified Translation)			X	
	129	1284765	1972	Great Britain				
	130	2 543 841	1983	France (with certified translation)			X	
	131	234305	5/28/1925	Great Britain				

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							YES	NO
	132	2,490,498	3/26/82	France				
	133	1,208,636	1959	France				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	134	Rossier, Robert N., entitled, "Moving Forward - Getting your best kick in the water can come from a combination of design, efficiency and hydrodynamics in fins". ALERT DIVER, Nov-Dec 1997, pages 26 - 28.
	135	Triantafyllou, Michael S. and Triantafyllou George S., entitled, "An Efficient Swimming Machine". SCIENTIFIC AMERICAN, March 1995, pages 64-70.
	136	"3302 of 1880" (Picture From Book-Found in USPTO)
	137	"Test Dive" Article in Jan/Feb 1996 issue of <i>Sport Diver Magazine</i>
	138	"Oceanic V-Drive Fins" in May/Jun. 1996 Issue of <i>Sport Diver Magazine</i>
	139	Walton and Katz "Application of Leading-Edge Vortex Manipulations to Reduce Wing Rock Amplitudes" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 555-559
	140	Traub and Nurick "Effects of Wing-Tip Vortex Flaps" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 557-559
	141	Grantz and Marchman III "Trailing Edge Flap Influence on Leading Edge Vortex Flap Aerodynamics", <i>Journal of Aircraft</i> Vol. 20, No. 2, pp. 165-169
	142	Rao "An Exploratory Study of Area-Efficient Vortex Flap Concepts" <i>Journal of Aircraft</i> , Vol. 20, No. 12, pp. 1062-1067
	143	Lamar and Campbell "Vortex Flaps-Advanced Control Devices for Supercruise Fighters" Jan. 1984, Aerospace America.
	144	"BZ" bodysurfing fin (Picture), 1 st production in 1990
	145	"Blade Pro" bodysurfing fin (Picture), 1 st production 1991
	146	"Wave Rebel" bodysurfing fin (Picture), 1 st production 1994
	147	Art. 1400 Pinna "Professional" Fin (1989)

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